

**METHOD AND SYSTEM FOR VERIFYING THE INTEGRITY OF  
NORMAL SINUS RHYTHM TEMPLATES**

**Abstract**

5           A method and system for verifying the integrity of normal sinus rhythm  
(NSR) templates and updating the NSR template after selected time intervals. At  
selected time intervals after establishing a NSR template, cardiac complexes are  
sensed and values for one or more cardiac parameters are measured. The values of  
the cardiac parameters are compared to predetermined value ranges for NSR cardiac  
10   complexes. When the values of the cardiac parameters fall within the predetermined  
value ranges, values for the differences between the values of the cardiac parameters  
for the cardiac complexes and the values for the cardiac parameters of the NSR  
cardiac complexes are calculated. When the values of the differences are greater  
than one or more threshold values, the NSR template is updated as a function of the  
15   sensed cardiac complexes.

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